



TECHNICAL
INSTALLATION
DRAKENSBERG

APPROVAL

	NAME	SIGNATURE	POSITION	DATE
PREPARED BY:				
REVIEWERD BY:				
APPROVED BY:				

1.1. TECHNICAL INFORMATION

1.1.1. Power data

RATED POWER	18 – 60W
INPUT VOLTAGE RANGE	190 – 277 VAC 50/60Hz
INPUT TYPE (AC/DC)	AC – Alternating current
CONNECTED POWER	18 – 65W
POWER FACTOR	>0.9

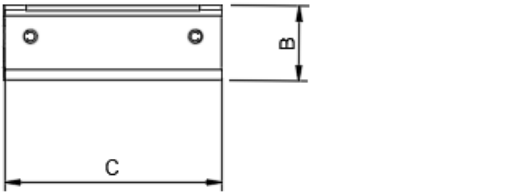
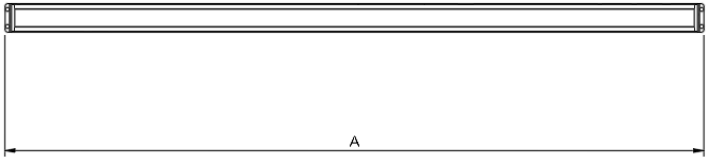
1.1.2. LED data

LED BARND	CREE®, Luxeon® or Osram®
CCT	3000 – 5000 Kelvin
CRI	≥80
LED RATED LIFE TIME	80 000 hours

1.1.3. Luminaire data

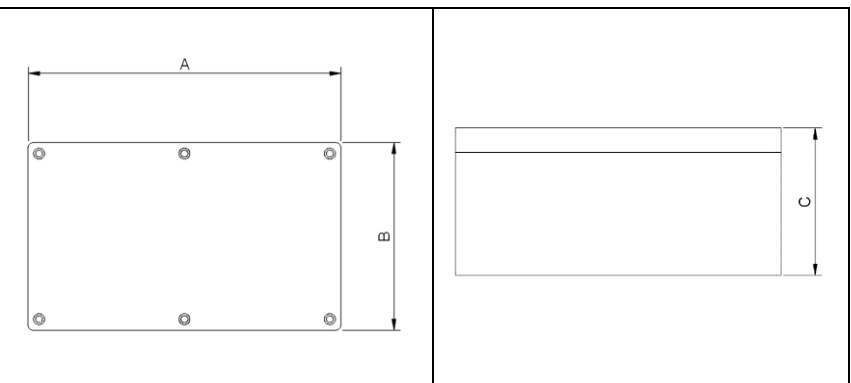
IP RATING	IP66 or IP44
BEAM ANGLES	120°
DIMMABILITY	None
MOUNTING POSITION	Universal

1.1.4. Luminaire physical characteristics

Product description Wattage and sizes				
	18W	40W	60W	
A (mm)	600	1220	1520	
B (mm)	17	17	17	
C (mm)	50	50	50	
Weight (kg)	0.5	0.8	1.1	

1.1.5. Emergency control gear physical characteristics

Product description		
	1 Hour	4 Hour
A (mm)	200	200
B (mm)	120	120
C (mm)	90	90
Weight (kg)	1	1.2



1.2. INSTALLATION INSTRUCTION

1.2.1. Part number break down.

Part no. example. LP – 20 – EME – CCR220 – C- 1

LUMINAIRE DESCRIPTION	WATTAGE	CCR220	CCT-COLOUR TEMPERATURE	HOURS
LP- Low profile	20W 40W 60W	Technology and operating voltage	W – 3000K – warm white N – 4000K – Neutral white C – 5000K – Cool white	1- 1hour 4- 4hour

1.2.2. Diagrams/drawings

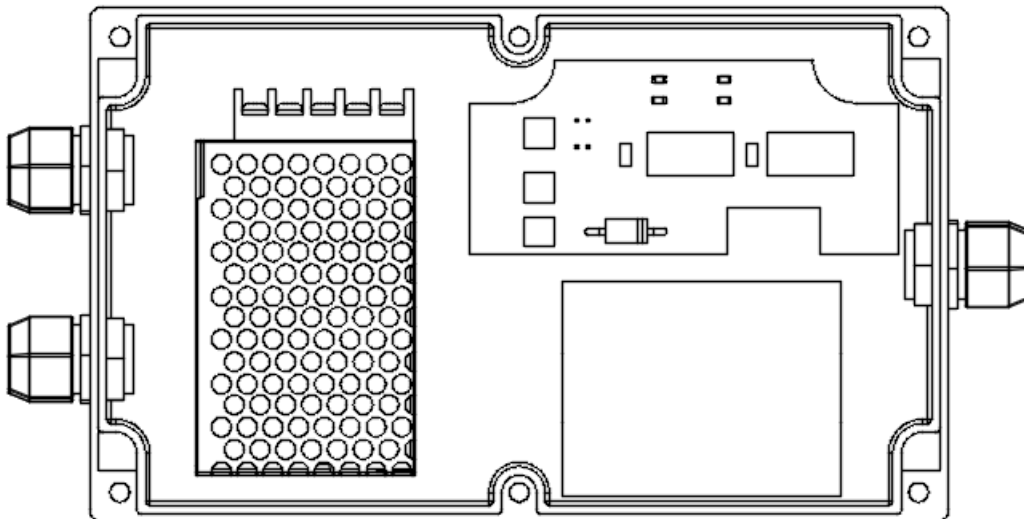


Figure 1 Emergency control gear

1.2.3. Installation instructions

The Installation must be carried out by a Qualified Electrician in compliance with the local code of practice.

Tools required:

Dependent on fasteners that will be used the tools may vary.

- Step 1.** To install Drakensberg low profile luminaire special attention needs to be given to the mounting holes on both ends of the luminaire. The length and width of the luminaire also plays a role as where to fit the luminaire.
- Step 2.** To connect to the mains 220VAC confirm main power is switched off.
- Step 3.** Low Profile Lights require mains Voltage of between 190 to 277VAC 50 Hz. Powering these lights by connecting the mains cable can be to put on a 3-pin plug, or with a connector block (Chock Block), or quick connector. Connect the corresponding wires, Brown (L), Blue (N), and Yellow/Green (E). Always read the Label on the luminaire body to make sure the voltage is correct. When powering the light, the light should come on immediately, with no strike delay.